**Fire Frequency and Size**

* 96% of all wildfires in the WUI are caused by humans
* 82% (n = 691, 164) of all wildfires were human-ignited
* Human ignitions account for an average of 400% more fires per year in the WUI as compared to Wildlands
* Human ignitions in the WUI accounts for >2x more fires per year in the east than the west.
* Human ignitions account for 119, 817 km2 estimated burn area from 2001-2013 (45%)
* The WUI areas in the east observed 3x more area burned than the west by human ignitions.
* 33% of all wildlands burned in the west were due to human ignitions
* >2x more area burned by humans than lightning in the southeast US
* Human-ignitions in the WUI are on average smaller (120%) than lightning-ignitions.
* Lightning-ignitions in the wildlands are on average larger (300%) than human-ignitions

**Fire Seasonality**

* The WUI experienced 203% more human-ignitions (n = 69, 476) in the spring than summer.
* Human-ignitions accounted for 95% (n = 268, 287) of all spring wildfires
* Human-ignitions accounted for 59% (n = 114, 047) of all summer wildfires
* The WUI experiences more human-ignitions regardless of region.
* The WUI experienced 203% more human-ignitions (n = 69, 476) in the spring than summer.
* Human-ignitions accounted for 95% (n = 268, 287) of all spring wildfires
* Human-ignitions accounted for 59% (n = 114, 047) of all summer wildfires

**Function of Distance**

* Human ignitions in all regions dominate fire frequency near the WUI and increase the overall fire season length
* Human increase the fire season length near the WUI (< 72km) by 250 – 830%
* Humans increase fire frequency near the WUI (< 69 km) by 130 – 500%

**Costs and Consequences**

* Since 2001, fire suppression costs have increased by 150%
* On average, 83% of all wildfire costs from fires in the WUI are due to human ignitions.
* Human-caused wildfire in all lands accounted for 45% of all fire suppression costs ($5 billion), 90% (n = 15,104) of structures lost, and 70% (n = 361) of lives lost